

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 May 2005 (19.05.2005)

PCT

(10) International Publication Number
WO 2005/045328 A1

(51) International Patent Classification⁷: F24J 2/04, H01L 31/048

(21) International Application Number: PCT/GB2004/004590

(22) International Filing Date: 29 October 2004 (29.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 0325509.8 31 October 2003 (31.10.2003) GB

(71) Applicant (for all designated States except US): SOLAR CENTURY HOLDINGS LIMITED [GB/GB]; 91-94 Lower Marsh, Waterloo, London SE1 7AB (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DAVIES, Daniel, Gower [GB/GB]; 50 Upper East Hayes, Bath BA1 6LR (GB). BERRY, Martyn, John, Charles [GB/GB]; 41A Larkhall Rise, Clapham, London SW4 6HT (GB).

(74) Agent: SPAARGAREN, Jerome; Electronic Intellectual Property, Fairfax House, 15 Fulwood Place, London WC1V 6HU (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

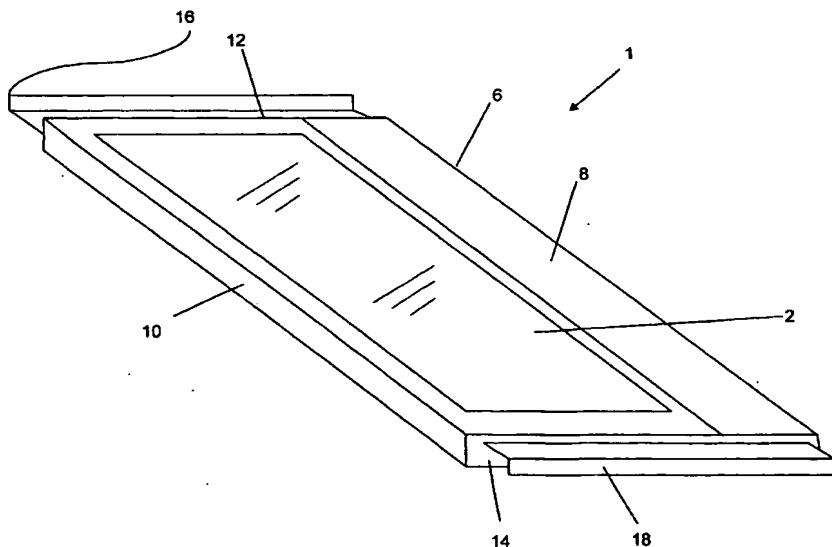
Published:

- with international search report
- with amended claims

Date of publication of the amended claims: 24 November 2005

[Continued on next page]

(54) Title: SOLAR TILES



(57) Abstract: A solar thermal tile (1) comprising a transparent portion (2) for permitting the entry of sunlight into a heating space (35) below the tile (1), and a chassis (6) formed separately from the transparent portion (2) on which the transparent portion is mounted. The chassis (6) has at least one protrusion (16, 18) for forming an overlapping relationship with a neighbouring tile. The chassis (6) may be formed from plastic or sheet metal. The transparent portion (2) may be formed from a polycarbonate laminate.

WO 2005/045328 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.